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1	BRS	L1	47	snapshot with copy with virtual	USP AT; US-P GPU B; EPO; JPO; IBM_ TDB	2003/02/2 5 13:38
2	BRS	L2	0	"2020169932"	US-P GPU B	2003/02/2 5 13:39
3	BRS	L3	1	"20020169932"	US-P GPU B	2003/02/2 5 13:39
4	BRS	L4	0	3 and (preference or limit or boundary)	USP AT; US-P GPU B; EPO; JPO; IBM_ TDB	2003/02/2 5 13:40
5	BRS	L5	1	3 and virtual	USP AT; US-P GPU B; EPO; JPO; IBM_ TDB	2003/02/2 5 13:40

PGPUB-DOCUMENT-NUMBER: 20020169932

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169932 A1

TITLE: Data placement and allocation using virtual contiguity

PUBLICATION-DATE: November 14, 2002

US-CL-CURRENT: 711/154,711/209

APPL-NO: 09/ 850824

DATE FILED: May 8, 2001

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Abstract Paragraph - ABTX:

A data storage system randomly determines a start offset at which to write objects to a storage medium. For updated blocks of the object, e.g., for blocks written during copy-on-write as part of a point-in-time snapshot, the updated block is written in the region of the original file or as close thereto as possible to achieve "virtual contiguity". Subsequent reads of the object read entire region containing both the object and, potentially, "chaff" data

other than the object. The "chaff" data is discarded by the I/O system or file system using, e.g., a bit mask, subsequent to the read.